NORTH AMERICAN DRÄGER

PRODUCT BULLETIN

Product(s):	Narkomed 4, Narkomed 2C
Bulletin Number:	047
Release Date:	9/08/95
Pages:	2

Subject: Narkomed 4, Software Version 1.30; Narkomed 2C, Software Version 1.11

Narkomed 4 software version 1.3 is currently available to our customers. This software release includes the following new features:

1. User Configurable Templates

The NM4 Software Release 1.3 supports 30 user configurable templates. The easiest way to create a template is to copy the CURRENT SETTINGS used during an operative case to a new template location and save it under a specific clinician or procedure name.

The user may also set up templates prior to a case using the OFF-LINE Editor. Every facet of the NM4, including Alarm Volumes, NIBP Interval and Alarm Limits, may be configured. The OFF-LINE editor can be invoked by touching the **SYSTEM CONFIG** key followed by the **TEMPLATEM ANAGER** soft key and then the **EDIT** soft key on the NM4. The editor will appear to the left of the Template Manager screen. When the user has the templates to his liking, he may save it to a new template location under a new name.

Tips:

For customers who have requested the NIBP Interval be set to three minutes each time they power up the NM4, the operator would use the Template EDITOR to change the NIBP interval to 3 and save the templates to SITE DEFAULTS.

For customers who want to set separate alarm limits for each agent, the operator would use the Template EDITOR. There is only one Agent Alarm Limit edit window. The operator must touch the **AGENT** touch key and scroll the dial to the Agent Name that he would like to adjust. Then he must set the Hi and Lo Limits for that agent. NOTE: When the template is invoked, the Agent Alarm Limits **DO NOT** get invoked immediately, but will be automatically invoked when the Vaporizer is turned.

2. Service Software Toolkit

To facilitate copying Templates from machine to machine, the Service Software Toolkit (SST) Release 1.07 has been enhanced with this capability. Using either a laptop or the inboard OR Data Manager, a Service Rep, a Sales Rep, or Biomed may copy all the

templates from a pre-configured machine to all the remaining machines at the site. This avoids having the user set up the same template numerous times. Presently we do not support individual template copy; however, it is in the plans.

3. VA2000 ECG Waveform Support

When installed, the NM4 and NM2C will display the ECG waveform from the VA2000 on the remote display (the NM2C must have 1.11 software). The VA2000 requires an upgrade if it does not already have VA2000 Release 2.05 installed. RTS/CTS also has to be turned on in the Configuration screen of the VA2000.

4. LOG DATA Softkey

A **LOG DATA** soft key has been added to the NM4 Datalog screen. This became an issue when the **LOG DATA** hard key on the remote display was changed to Ventilation Alarms Off. The user may now manually log data by switching to the Data Log screen and touching the **LOG DATA** key.

If you have any questions or require further information please contact Nadine Opstbaum at x2510.